

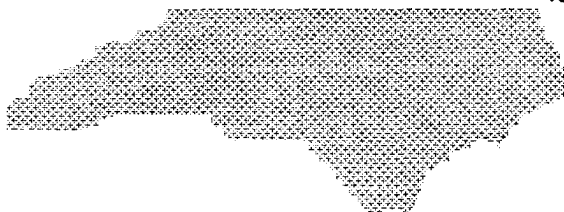
STATE OF
NORTH CAROLINA
DEPARTMENT OF
ENVIRONMENT &
NATURAL RESOURCES



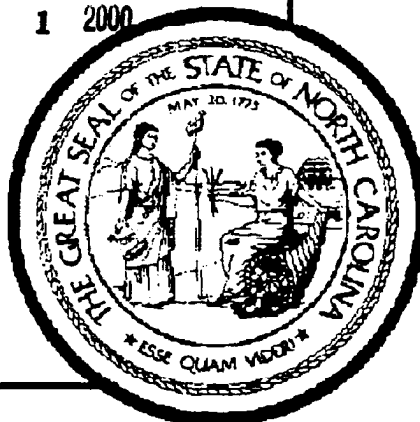
*Classifications and
Water Quality Standards
Assigned to the Waters of
the Chowan River Basin*

Reprint from North Carolina
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Division of Water Quality
Raleigh, North Carolina



SECTION .0300 - ASSIGNMENT OF STREAM CLASSIFICATIONS

.0301 CLASSIFICATIONS: GENERAL

(a) Schedule of Classifications. The classifications assigned to the waters of the State of North Carolina are set forth in the schedules of classifications and water quality standards assigned to the waters of the river basins of North Carolina, 15A NCAC 2B .0302 to .0317. These classifications are based upon the existing or contemplated best usage of the various streams and segments of streams in the basin, as determined through studies and evaluations and the holding of public hearings for consideration of the classifications proposed.

(b) Stream Names. The names of the streams listed in the schedules of assigned classifications were taken as far as possible from United States Geological Survey topographic maps. Where topographic maps were unavailable, U.S. Corps of Engineers maps, U.S. Department of Agriculture soil maps, and North Carolina highway maps were used for the selection of stream names.

(c) Classifications. The classifications assigned to the waters of North Carolina are denoted by the letters WS-I, WS-II, WS-III, WS-IV, WS-V, B, C, SA, SB, and SC in the column headed "class." A brief explanation of the "best usage" for which the waters in each class must be protected is given as follows:

Fresh Waters

- Class WS-I: waters protected as water supplies which are in natural and undeveloped watersheds; in public ownership; point source discharges of treated wastewater are permitted pursuant to Rules .0104 and .0211 of this Subchapter; local programs to control nonpoint source and stormwater discharge of pollution are required; suitable for all Class C uses;
- Class WS-II: waters protected as water supplies which are generally in predominantly undeveloped watersheds; point source discharges of treated wastewater are permitted pursuant to Rules .0104 and .0211 of this Subchapter; local programs to control nonpoint source and stormwater discharge of pollution are required; suitable for all Class C uses;
- Class WS-III: waters protected as water supplies which are generally in low to moderately developed watersheds; point source discharges of treated wastewater are permitted pursuant to Rules .0104 and .0211 of this Subchapter; local programs to control nonpoint source and stormwater discharge of pollution are required; suitable for all Class C uses;
- Class WS-IV: waters protected as water supplies which are generally in moderately to highly developed watersheds; point source discharges of treated wastewater are permitted pursuant to Rules .0104 and .0211 of this Subchapter; local programs to control nonpoint source and stormwater discharge of pollution are required; suitable for all Class C uses;
- Class WS-V: waters protected as water supplies which are generally upstream and draining to Class WS-IV waters or waters previously used for drinking water supply purposes or waters used by industry to supply their employees, but not municipalities or counties, with a raw drinking water supply source, although this type of use is not restricted to a WS-V classification; no categorical restrictions on watershed development or treated wastewater discharges are required, however, the Commission or its designee may apply appropriate management requirements as deemed necessary for the protection of downstream receiving waters (15A NCAC 2B .0203); suitable for all Class C uses;
- Class B: primary recreation and any other usage specified by the "C" classification;
- Class C: aquatic life propagation and survival, fishing, wildlife, secondary recreation, and agriculture.

Tidal Salt Waters

- Class SA: shellfishing for market purposes and any other usage specified by the "SB" and "SC" classification;
- Class SB: primary recreation and any other usage specified by the "SC" classification;
- Class SC: aquatic life propagation and survival, fishing, wildlife, and secondary recreation.

Supplemental Classifications

Trout Waters: Suitable for natural trout propagation and maintenance of stocked trout;

Swamp Waters: Waters which have low velocities and other natural characteristics which are different from

- adjacent streams;
- NSW: Nutrient Sensitive Waters which require limitations on nutrient inputs;
- HQW: High Quality Waters which are waters that are rated as excellent based on biological and physical/chemical characteristics through division monitoring or special studies, native and special native trout waters (waters and their tributaries) designated by the Wildlife Resources Commission, primary nursery areas (PNA) designated by the Marine Fisheries Commission and other functional nursery areas designated by the Wildlife Resources Commission, critical habitat areas designated by the Wildlife Resources Commission or the Department of Agriculture, all water supply watersheds which are either classified as WS-I or WS-II or those for which a formal petition for reclassification as WS-I or WS-II has been received from the appropriate local government and accepted by the Division of Environmental Management and all Class SA waters.
- ORW: Outstanding Resource Waters which are unique and special waters of exceptional state or national recreational or ecological significance which require special protection to maintain existing uses.
- FWS: Future Water Supply Waters which are waters intended for future drinking water supply purposes.

(d) Water Quality Standards. The water quality standards applicable to each classification assigned are those established in 15A NCAC 2B .0200, Classifications and Water Quality Standards Applicable to the Surface Waters of North Carolina, as adopted by the North Carolina Environmental Management Commission.

(e) Index Number.

- (1) Reading the Index Number. The index number appearing in the column so designated is an identification number assigned to each stream or segment of a stream, indicating the specific tributary progression between the main stem stream and the tributary stream.
- (2) Cross-Referencing the Index Number. The inclusion of the index number in the schedule is to provide a cross reference between the classification schedules and an alphabetic list of streams.

(f) Classification Date. The classification date indicates the date on which enforcement of the provisions of Section 143-215.1 of the General Statutes of North Carolina became effective with reference to the classification assigned to the various streams in North Carolina.

(g) Reference. Copies of the schedules of classifications adopted and assigned to the waters of the various river basins may be obtained at no charge by writing to:

Director
Division of Environmental Management
Department of Environment, Health, and Natural Resources
Post Office Box 29535
Raleigh, North Carolina 27626-0535

(h) Places where the schedules may be inspected:

Division of State Library
Archives - State Library Building
109 E. Jones Street
Raleigh, North Carolina.

(i) Unnamed Streams.

- (1) Any stream which is not named in the schedule of stream classifications carries the same classification as that assigned to the stream segment to which it is tributary except:
 - (A) unnamed streams specifically described in the schedule of classifications; or
 - (B) unnamed freshwaters tributary to tidal saltwaters will be classified "C"; or
 - (C) after November 1, 1986, any newly created areas of tidal saltwater which are connected to Class SA waters by approved dredging projects will be classified "SC" unless case-by-case reclassification proceedings are conducted.
- (2) The following river basins have different policies for unnamed streams entering other states or for specific areas of the basin:
Hiwassee River Basin (Rule .0302); Little Tennessee River Basin and Savannah River Drainage Area (Rule .0303); French Broad River Basin (Rule .0304); Watauga River Basin (Rule .0305); Broad River Basin (Rule .0306); New River Basin (Rule .0307); Catawba River Basin (Rule .0308); Yadkin-Pee Dee River Basin (Rule .0309); Lumber River Basin (Rule .0310); Roanoke River Basin (Rule .0313); Tar-Pamlico River Basin (Rule .0316); Pasquotank River Basin (Rule .0317).

History Note: Authority G.S. 143-214.1; 143-215.1; 143-215.3(a)(1);
Eff. February 1, 1976;
Amended Eff. August 1, 1995; August 3, 1992; August 1, 1990; October 1, 1989.

.0314 CHOWAN RIVER BASIN

(a) Places where the schedule may be inspected:

- (1) Clerk of Court:
Bertie County
Chowan County
Gates County
Hertford County
Northampton County
- (2) North Carolina Department of Environment, Health and Natural Resources:
 - (A) Raleigh Regional Office
3800 Barrett Drive
Raleigh, North Carolina
 - (B) Washington Regional Office
1502 North Market Street
Washington, North Carolina

(b) Unnamed Streams. Such streams entering Virginia are classified "C."

(c) All classifications assigned to the waters of the Chowan River Basin and referenced in (a) of this Rule are additionally classified as nutrient sensitive waters (-NSW) in accordance with the provisions of Rule .0214 of this Subchapter.

(d) The Chowan River Basin Schedule of Classification and Water Quality Standards was amended effective August 1, 1985.

*History Note: Filed as an Emergency Amendment [(f)] Eff. March 10, 1979, for a period of 120 days to expire on September 7, 1979;
Authority G.S. 143-214.1; 143-215.1; 143-215.3(a)(1);
Eff. February 1, 1976;
Amended Eff. November 1, 1978; March 1, 1977;
Emergency Amendment [(f)] Made Permanent Eff. September 6, 1979;
Amended Eff. August 1, 1985; January 1, 1985.*

.0314 CHOWAN RIVER BASIN

Name of Stream	Description	Class	Classification	
			Date	Index No.
CHOWAN RIVER	From North Carolina-Virginia State Line B NSW to mouth defined by a line extending in a southerly direction from Reedy Point on the north shore of Albemarle Sound to a point of land on the south side of the mouth of Black Walnut Swamp		9/6/79	25
Whitley Branch	From source to North Carolina-Virginia State Line	C NSW	9/6/79	25-1-1
Buckhorn Creek	From North Carolina-Virginia State Line to Chowan River	C NSW	9/6/79	25-2
Beaman Branch	From source to Buckhorn Creek	C NSW	9/6/79	25-2-1
Somerton Creek	From North Carolina-Virginia State Line to Chowan River	C NSW	9/6/79	25-3
Beaverdam Creek	From source to North Carolina-Virginia State Line	C NSW	9/6/79	25-3-1
Mill Swamp	From source to North Carolina-Virginia State Line	C NSW	9/6/79	25-3-2
Laster Branch	From source to Somerton Creek	C NSW	9/6/79	25-3-3
Jordan Branch	From source to Laster Branch	C NSW	9/6/79	25-3-3-1
Meherrin River (North Carolina Portion)	From first crossing at North Carolina-Virginia State Line to a point 1.0 mile upstream from U.S. Highway 258	C NSW	9/6/79	25-4-(1)
Barnes Branch	From source to North Carolina-Virginia State Line	C NSW	9/6/79	25-4-2-1-1-1
Beaverpond Creek	North Carolina Portion	C NSW	9/6/79	25-4-2-2
Jacks Swamp	From source to North Carolina-Virginia State Line	C NSW	9/6/79	25-4-2-3
Corwells Millpond	Entire pond and connecting stream to Jacks Swamp	C NSW	9/6/79	25-4-2-3-1
Cypress Creek (Jordans Millpond)	From source to North Carolina-Virginia State Line	C NSW	9/6/79	25-4-3
Ivy Creek	From source to Jordans Millpond, Cypress Creek	C NSW	9/6/79	25-4-3-1
Kirbys Creek	From source to Meherrin River	C NSW	9/6/79	25-4-4
Corduroy Swamp (Taylors Millpond)	From source to Kirbys Creek	C NSW	9/6/79	25-4-4-1
Hunting Branch	From source to Corduroy Swamp	C NSW	9/6/79	25-4-4-1-1
Rogers Swamp	From source to Kirbys Creek	C NSW	9/6/79	25-4-4-2
Reedy Branch	From source to Kirbys Creek	C NSW	9/6/79	25-4-4-3
Turkey Creek	From source to Kirbys Creek	C NSW	9/6/79	25-4-4-4
Maple Fork Branch	From source to Turkey Creek	C NSW	9/6/79	25-4-4-4-1
Banks Branch	From source to Kirbys Creek	C NSW	9/6/79	25-4-4-5
Meherrin River	From a point 1.0 mile upstream from U.S. Highway 258 to Chowan River	B NSW	9/6/79	25-4-(5)
Hares Branch (Worrell Millpond)	From source to Meherrin River	C NSW	9/6/79	25-4-6
Institute Branch	From source to Hares Branch	C NSW	9/6/79	25-4-6-1

.0314 CHOWAN RIVER BASIN

Name of Stream	Description	Class	Classification	
			Date	Index No.
Liverman Creek	From source to Meherrin River	C NSW	9/6/79	25-4-7
Potecasi Creek	From source to Meherrin River	C NSW	9/6/79	25-4-8
Ramsey Creek	From source to Potecasi Creek	C NSW	9/6/79	25-4-8-1
Wiccacanee Swamp	From source to Potecasi Creek	C NSW	9/6/79	25-4-8-1.5
Wildcat Swamp	From source to Potecasi Creek	C NSW	9/6/79	25-4-8-2
Paddys Delight Creek	From source to dam at Doolittle Mill- pond	B NSW	9/6/79	25-4-8-3-(1)
Paddys Delight Creek	From dam at Doolittle Millpond to Potecasi Creek	C NSW	9/6/79	25-4-8-3-(2)
Urahaw Swamp	From source to Potecasi Creek	C NSW	9/6/79	25-4-8-4
Quarter Swamp	From source to Urahaw Swamp	C NSW	9/6/79	25-4-8-4-1
Bear Swamp	From source to Urahaw Swamp	C NSW	9/6/79	25-4-8-4-2
Grant Branch	From source to Urahaw Swamp	C NSW	9/6/79	25-4-8-4-3
Painter Swamp	From source to Potecasi Creek	C NSW	9/6/79	25-4-8-5
Canal Swamp	From source to Painter Swamp	C NSW	9/6/79	25-4-8-5-1
Panther Swamp	From source to Canal Swamp	C NSW	9/6/79	25-4-8-5-1-1
Marl Branch	From source to Potecasi Creek	C NSW	9/6/79	25-4-8-6
Old Tree Swamp	From source to Potecasi Creek	C NSW	9/6/79	25-4-8-7
Cutawhiskie Swamp	From source to Potecasi Creek	C NSW	9/6/79	25-4-8-8
Chapel Branch	From source to Cutawhiskie Swamp	C NSW	9/6/79	25-4-8-8-1
Indian Creek	From source to Cutawhiskie Swamp	C NSW	9/6/79	25-4-8-8-2
Bluewater Branch	From source to Cutawhiskie Swamp	C NSW	9/6/79	25-4-8-8-3
Hot House Branch	From source to Potecasi Creek	C NSW	9/6/79	25-4-8-9
Bells Branch	From source to Potecasi Creek	C NSW	9/6/79	25-4-8-10
Mill Branch	From source to Potecasi Creek	C NSW	9/6/79	25-4-8-11
Deep Creek	From source to Chowan River	C NSW	9/6/79	25-5
Mud Creek	From source to Chowan River	C NSW	9/6/79	25-6
Beasley Branch	From source to Mud Creek	C NSW	9/6/79	25-6-1
Catherine Creek	From source to Chowan River	C NSW	9/6/79	25-7
Buckhorn Creek	From source to Chowan River	C NSW	9/6/79	25-8
Spikes Creek	From source to Chowan River	C NSW	9/6/79	25-9
Barnes Creek	From source to Chowan River	C NSW	9/6/79	25-10
Island Creek	From source to Chowan River	C NSW	9/6/79	25-11
Sarem Creek (Taylor Mill- pond)	From source to Chowan River	C NSW	9/6/79	25-12
Jady Branch	From source to Sarem Creek	C NSW	9/6/79	25-12-1
Ellis Swamp	From source to Sarem Creek	C NSW	9/6/79	25-12-2
Licking Branch	From source to Sarem Creek	C NSW	9/6/79	25-12-3
Cypress Swamp	From source to Taylor Millpond, Sarem Creek	C NSW	9/6/79	25-12-4
Gum Branch	From source to Taylor Millpond, Sarem Creek	C NSW	9/6/79	25-12-5
Big Branch	From source to Sarem Creek	C NSW	9/6/79	25-12-6
Cole Creek (Lilleys Millpond)	From source to Sarem Creek	C NSW	9/6/79	25-12-7
Hackley Branch (Hack- lan Branch)	From source to Cole Creek	C NSW	9/6/79	25-12-7-1

.0314 CHOWAN RIVER BASIN

Name of Stream	Description	Class	Classification	
			Date	Index No.
Flat Branch (Jones Swamp)	From source to Hackley Swamp	C NSW	9/6/79	25-12-7-1-1
Buckland Mill Branch	From source to Cole Creek	C NSW	9/6/79	25-12-7-2
Hodges Creek	From source to Chowan River	C NSW	9/6/79	25-13
Wiccacon River (Hoggard Swamp)	From source to Chowan River	C NSW	9/6/79	25-14
Ahoskie Creek (Ahoskie Swamp, Bear Swamp)	From source to Wiccacon River	C NSW	9/6/79	25-14-1
Mill Branch	From source to Ahoskie Creek	C NSW	9/6/79	25-14-1-1
Fort Branch	From source to Ahoskie Creek	C NSW	8/1/85	25-14-1-2
Turkey Creek	From source to Ahoskie Creek	C NSW	9/6/79	25-14-1-3
Knee Branch	From source to Ahoskie Creek	C NSW	9/6/79	25-14-1-4
Snake Branch	From source to Ahoskie Creek	C NSW	9/6/79	25-14-1-5
Stony Creek	From source to Ahoskie Creek	C NSW	9/6/79	25-14-1-6
Loosing Swamp	From source to Stony Creek	C NSW	9/6/79	25-14-1-6-1
Wildcat Swamp	From source to Loosing Swamp	C NSW	9/6/79	25-14-1-6-1-1
Eason Swamp	From source to Loosing Swamp	C NSW	9/6/79	25-14-1-6-1-1.5
Beaverdam Swamp	From source to Loosing Swamp	C NSW	9/6/79	25-14-1-6-1-2
Quioccoson Swamp	From source to Stony Creek	C NSW	9/6/79	25-14-1-6-2
Whiteoak Swamp	From source to Ahoskie Creek	C NSW	9/6/79	25-14-1-7
Bear Swamp	From source to Ahoskie Creek	C NSW	9/6/79	25-14-1-8
Horse Swamp	From source to Bear Swamp	C NSW	9/6/79	25-14-1-8-1
Flat Swamp	From source to Bear Swamp	C NSW	9/6/79	25-14-1-8-2
Turnpike Branch (Dildys Millpond)	From source to Wiccacon River	C NSW	9/6/79	25-14-2
Chinkapin Creek (Cessons Millpond)	From source to Wiccacon River	C NSW	9/6/79	25-14-3
Chinkapin Swamp	From source to Chinkapin Creek	C NSW	9/6/79	25-14-3-1
Peele Branch	From source to Chinkapin Swamp	C NSW	9/6/79	25-14-3-1-1
Bull Branch	From source to Chinkapin Swamp	C NSW	9/6/79	25-14-3-1-2
Cabin Branch	From source to Chinkapin Swamp	C NSW	9/6/79	25-14-3-1-3
Cypress Swamp	From source to Chinkapin Swamp	C NSW	9/6/79	25-14-3-1-4
Barbeque Swamp	From source to Cessons Millpond, Chinkapin Creek	C NSW	9/6/79	25-14-3-2
Long Branch	From source to Barbeque Swamp	C NSW	9/6/79	25-14-3-2-1
Kill'em Swamp	From source to Chinkapin Creek	C NSW	9/6/79	25-14-3-3
Long Branch	From source to Kill'em Swamp	C NSW	9/6/79	25-14-3-3-1
Brooks Creek	From source to Wiccacon River	C NSW	9/6/79	25-14-4
Goose Creek	From source to Chowan River	C NSW	9/6/79	25-15
Deep Swamp Branch (Taylor Pond)	From source to Chowan River	C NSW	9/6/79	25-16
Bennetts Creek (Merchants Millpond)	From source to Chowan River	C NSW	9/6/79	25-17
Duke Swamp	From source to Bennetts Creek	C NSW	9/6/79	25-17-1
Goodman Swamp	From source to Duke Swamp	C NSW	9/6/79	25-17-1-1
Middle Swamp	From source to Duke Swamp	C NSW	9/6/79	25-17-1-2
Raynor Swamp (Hunters)	From source to Bennetts Creek	C NSW	9/6/79	25-17-2

.0314 CHOWAN RIVER BASIN

Name of Stream	Description	Class	Classification	
			Date	Index No.
Millpond)				
Harrell Swamp	From source to Hunters Millpond, Raynors Swamp	C NSW	9/6/79	25-17-2-1
Catherine Creek	From source to Chowan River	C NSW	9/6/79	25-18
Trotman Creek	From source to Catherine Creek	C NSW	9/6/79	25-18-1
Walton Pond	From source to Trotman Creek	C NSW	9/6/79	25-18-1-1
Warwick Creek (Welsh Pond)	From source to Catherine Creek	C NSW	9/6/79	25-18-2
Stumpy Creek	From source to Chowan River	B NSW	9/6/79	25-19
Dillard Creek (Dillard Millpond)	From source to Chowan River	B NSW	9/6/79	25-20
Indian Creek	From source to Dillard Creek	B NSW	9/6/79	25-20-1
Keel Creek	From source to Chowan River	C NSW	9/6/79	25-21
Currituck Creek	From source to Keel Creek	C NSW	9/6/79	25-21-1
Mare Branch	From source to Keel Creek	C NSW	9/6/79	25-21-2
Rockyhock Creek (Bennett Millpond)	From source to Chowan River	B NSW	9/6/79	25-22
Willow Branch	From source to Chowan River	C NSW	9/6/79	25-23
Salmon Creek	From source to Chowan River	C NSW	9/6/79	25-24
Eastmost Swamp	From source to Salmon Creek	C NSW	9/6/79	25-24-1
Cricket Swamp	From source to Salmon Creek	C NSW	9/6/79	25-24-2
Dunmoor Branch	From source to Cricket Swamp	C NSW	9/6/79	25-24-2-1
Miller Branch	From source to Cricket Swamp	C NSW	9/6/79	25-24-2-2
Black Walnut Swamp	From source to Chowan River	C NSW	9/6/79	25-25
ALBEMARLE SOUND	From mouth of Chowan River, defined by a line extending in a southerly direc- tion from Reedy Point on the north shore of Albemarle Sound to a point of land on the south side of Black Walnut Swamp to a line running across Albemarle Sound in a southerly direction from Horniblow Point (North end of Norfolk-Southern Railroad Bridge) to a point of land on the south side of the mouth of Black Walnut Swamp	B NSW	9/6/79	26
Edenton Bay	Entire Bay	C NSW	9/6/79	26-1
Pembroke Creek	From source to Edenton Bay	B NSW	9/6/79	26-1-1
Pollock Swamp	From source to Pembroke Creek	C NSW	9/6/79	26-1-1-1
Queen Anne Creek	From source to Edenton Bay	C NSW	9/6/79	26-1-2